

भारत का राजपत्र

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No. 45] NEW DELHI, SATURDAY, NOVEMBER 7, 1992 (KARTIKA 16, 1914)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 7th November 1992

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Telegraphic address "PATENTOFIS".

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

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Telegraphic address "PATENTS".

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पेटेंट कार्यालय

एकत्र तथा अधिकार

कलकत्ता, दिनांक 7 नवम्बर 1992

पेटेंट कार्यालय के कार्यालयों के पहले एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रकाशन कार्यालय कलकत्ते में अवधित है तथा सम्बद्ध, दिल्ली एवं मद्रास में इसके शास्त्र कार्यालय हैं, जिनके प्राविधिक क्षेत्राधिकार आज तक आजार ६२ निम्न स्पष्टीय में विस्तृत हैं :—

पेटेंट कार्यालय शास्त्र, डोली इस्टेट,

सीमरा लन, लोका परेल (पश्चिम),

पम्बड़ 400013।

गुजरात, महाराष्ट्र तथा भर्ग इंडिया गुजरात क्षेत्र एवं गंध असिस्ट क्षेत्र भोआ, पम्बा तथा शिव एवं दाशरा और नागर श्वेती।

नार पता—“पेटेंटिंग”

पेटेंट कार्यालय शास्त्र,
एकक सं. 401 से 405, शीमण तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
दक्ष दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, अमृ तथा कर्मीर पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रे एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली।

नार पता—“पेटेंटिंग”

GOVERNMENT OF INDIA

THE PATENT OFFICE

Calcutta, the 17th November 1992

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH ROSE ROAD, CALCUTTA-20

The dates shown in the present branch are the dates claimed under section 135 of the Patents Act, 1970

The 24th September 1992

687/Cal/92 San-Lin Huang. A method of manufacturing a corrugated (Or Flat) Board for a Desk of a Truck or a Container.

688/Cal/92 Catalysts & Chemicals Europe S.A. Reforming Catalyst.

The 25th September 1992

689/Cal/92 The Indian Association for the Cultivation of Science. Process for preparing novel Dispersions of Electrically Conducting Polyamides.

690/Cal/92 Hoechst Aktiengesellschaft. Water-soluble azo compounds, preparation thereof and use thereof as dyes.

पेटेंट कार्यालय शास्त्र,

61, बालाजाह रोड,

पम्बड़-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डुचेरी, लक्षद्वीप मिनिकाय तथा असिनिदिवि इत्यापि।

नार पता—“पेटेंटिंग”

पेटेंट कार्यालय (प्रभान कार्यालय)

निजाम पैनेस, दिवतीय लहुसलीय कार्यालय,

भवन, 5, 6 तथा 7वां मंज,

234/4, आजार अमरपुरा जौन ३वीं,

पम्बड़ा-700020।

भारा का अवधेष्ट क्षेत्र

नार पता—“पेटेंटिंग”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन प्रक्रिया अवस्थित हैं; उस स्थान के अनुसृति वैक से नियंत्रण को भूगतान योग्य वैक ड्राफ्ट अथवा भैक द्वारा की जा सकती है।

शुल्क :—शुल्कों की अवधारी या तो नकद की आएगी अथवा उपयोग कार्यालय में नियंत्रक को भूगतान योग्य भनादेश अथवा डाक आवेदन या जहां उपयोग कार्यालय अवस्थित है; उस स्थान के अनुसृति वैक से नियंत्रण को भूगतान योग्य वैक ड्राफ्ट अथवा भैक द्वारा की जा सकती है।

691/Cal/92 Hitachi Construction Machinery Co. Ltd., Hydraulic Drive System for Construction Machine.

The 28th September 1992

692/Cal/92 Dr. Brahma Dutt Tripathi, Stack Pollution Controller.

693/Cal/92 Merck Patent Gesellschaft mit beschränkter Haftung. Pigments.

694/Cal/92 Metallgesellschaft Aktiengesellschaft. Process of Drying water-containing solids in a fluidized bed.

695/Cal/92 Phillips Petroleum Company. Olefin Polymerization.

696/Cal/92 E.I. Du Pont De Nemours and Company. Substantially Constant Boiling Compositions of Difluoromethane and Trifluoroethane or Perfluoroethane.

697/Cal/92 E.I. Du Pont De Nemours and Company. Production of Glyoxylic acid by oxidizing glycolic acid in the presence of immobilized glycolate oxidase and catalase.

698/Cal/92 Kerr-McGee Chemical Corporation. Attenuation of polymer substrate degradation due to ultraviolet Radiation.

699/Cal/92 Wago Verwaltungsgesellschaft m.b.H. Collective Connector for electrical distribution systems

The 29th September 1992

700/Cal/92 Remy Linus of Latonah Mission. A Novel Engine for driving automobiles and other machines.

701/Cal/92 Frigoscandia Food Process Systems AB. Air Treatment Plant for Foodstuffs.

702/Cal/92 Frigoscandia Food Process Systems AB. Air Treatment Plant for Foodstuffs.

703/Cal/92 Frigoscandia Food Process Systems AB. Air Treatment Plant for Foodstuffs.

704/Cal/92 Du Pont Canada Inc. Catalyst for Ethylene Polymerization at high Temperatures. (Convention No. 9121033; dated 03-10-1991; United Kingdom).

705/Cal/92 Du Pont Canada Inc. Activation of Catalyst in Ethylene polymerization at high temperatures. (Convention No. 9121019; dated 3-10-91; U.K.).

706/Cal/92 Du Pont Canada Inc. Control of a solution process for polymerization of ethylene. (Convention No. 9120971; dated 3-10-91; United Kingdom).

707/Cal/92 Eaton Corporation. Closed Loop Launch and Creep control for automatic clutch with robust algorithm.

708/Cal/92 Eaton Corporation. Closed Loop Launch and Creep control for automatic clutch.

709/Cal/92 Indian Jute Industries Research Association. Method of feeding the lead end of sliver at the drawing stages of jute processing for an improved of quality.

710/Cal/92 Mitutoyo Corporation. Simple three-dimensional measuring machine.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15 of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

स्वीकृत सम्पूर्ण विनिदेश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके नियम की तिथि से 4 महीने या अधिक एसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को एसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही काइल किए जाने चाहिए।

“प्रत्येक विनिदेश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुसृत हैं।”

नीचे सूचीगत विनिदेशों की सीमित संख्यक मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण थांकर राय रोड, कलकत्ता में विक्रय हते यथा समय उपलब्ध होंगी। प्रत्येक विनिदेश का मूल्य 2/- रु. है। (अतिरिक्त डाक खर्च)। मुद्रित विनिदेश की आपूर्ति हते मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिदेशों की संख्या संलग्न रहनी चाहिए।

स्पॉकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिदेशों की टांकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिदेश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिदेश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गूणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकल्पन किया जा सकता है।

Cl. : 145. D : B : C.

171521

Int. Cl. : D 21 H 1/00; 3/00.

D 21 F 1/00.

MULTI-PLY PAPER FIBRE WEB FORMING APPARATUS & METHOD.

Applicant : BELOIT CORPORATION, OF P.O. BOX 350, BELOIT, WISCONSIN 53511, UNITED STATES OF AMERICA.

Inventors : (1) PAUL THOMAS GRAY. (2) JAMES ARTHUR TURNER.

Application No. 338/Cal/88; filed on April 27, 1988.

(Convention No. 8710428; filed on 01-05-1987; U.K.).

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

20 Claims

Apparatus for forming a multi-ply paper fiber web in conjunction with the fourdrinier wire on a fourdrinier-type paper-making machine, the apparatus comprising :

means for forming a base ply web on the fourdrinier wire; a top former disposed above the fourdrinier for forming at least a single top web ply, said top former having:

(a) first and second looped forming wires in co-running opposed array for a portion of their travel.

(b) guide means within each of the first and second forming wires to converge them to define a throat, and to diverge them downstream thereof at the end of their co-running path of travel,

(c) a headbox for supplying a stream of stock to the throat to initiate formation of a top web ply between the first and second forming wires,

(d) a curved forming shoe within the second looped forming wire for dewatering the top web ply through its second face surface,

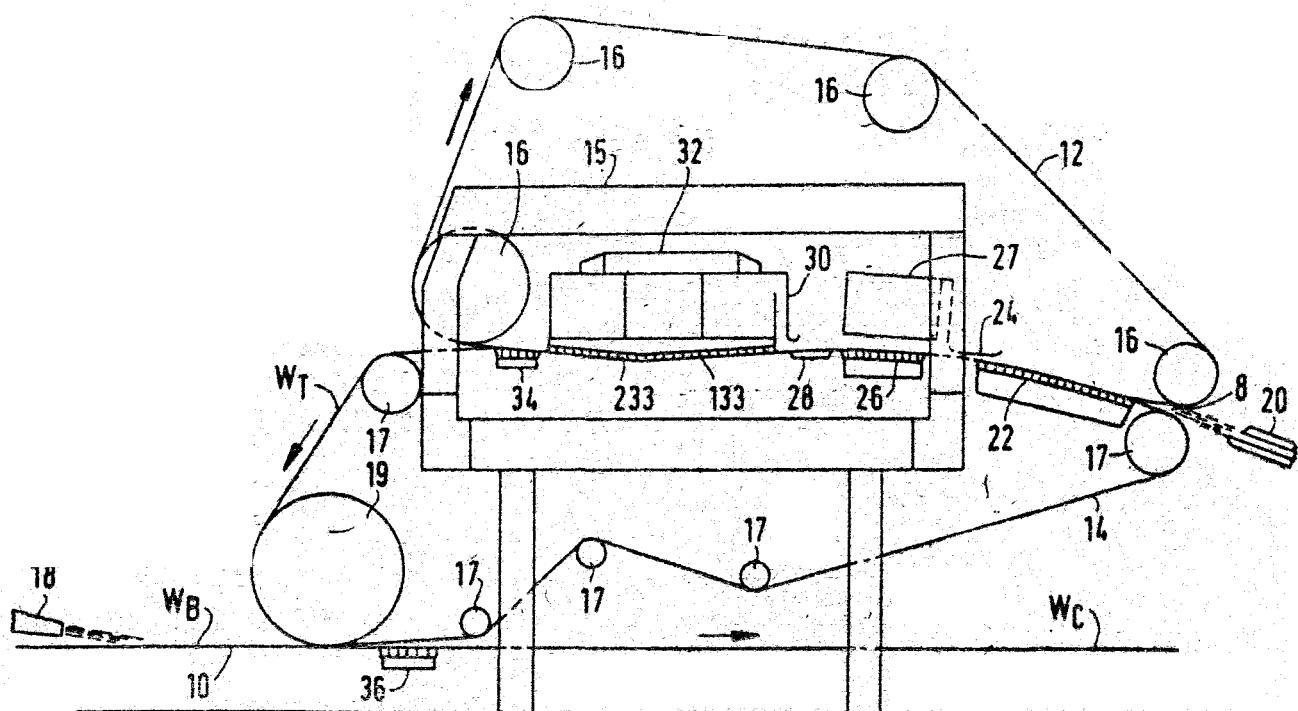
(e) a first auto-slice within the first looped forming wire downstream of the forming shoe,

(f) a first curved dewatering shoe disposed within the second forming wire downstream of the first auto-slice,

(g) a second curved dewatering shoe disposed within the first looped forming wire for dewatering the top web ply through its first face surface.

(h) a web transfer box disposed within the second forming wire near where the wires diverge for urging the web onto the second forming wire;

the second forming wire disposed to bring the first face surface of the top web ply into contact with the base ply on the fourdrinier wire whereby the top and base web plies are bonded together.



Compl. spec. 20 pages.

Drgns. 3 sheets.

Cl. : 101 B F

171522

Int. Cl. : E 02 D 17/00.

HYDRAULIC DRIVE SYSTEM

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD OF 6-2, OTEMACHI-2 CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : (1) EIKI IZUMI, (2) TOICHI HIRATA, (3) YUSAKU NOZAWA, (4) MASAHIKO SHIMOTORI.

Application No. 539/Cal/1988; filed on June 30, 1988.

Appropriate office for opposition Proceedings. (Rule 4, Patent rule 1972) Patent Office, Calcutta.

18 Claims

A hydraulic drive system comprising; at least one hydraulic pump; at least first and second hydraulic actuators connected to said hydraulic pump through respective main circuits and driven by hydraulic fluid delivered from said hydraulic pump; first and second flow control valve means connected to said respective main circuits between said hydraulic pump and said first and second hydraulic actuators; pump control means

for controlling a delivery pressure of said hydraulic pump; each of said first and second flow control valve means comprising first valve means having an opening degree variable in response to the operated amount of an operation means such as a control lever herein defined and second valve means connected in series with said first valve means for controlling a differential pressure between the inlet pressure and the output pressure of said first valve means and control means associated with each of said first and second flow control valve means for controlling said second valve means based on the input pressure and the output pressure of said first valve means, the delivery pressure of said hydraulic pump, and the maximum load pressure between said first and second hydraulic actuators, wherein;

each of said first and second flow control valve means comprises; a main valve of seat valve type having a valve body for controlling communication between an inlet port and an outlet port both connected to said main circuit, a variable restrictor capable of changing an opening degree thereof in response to displacements of said valve body, and a back pressure chamber communicating with said inlet port through said variable restrictor and producing a control pressure to urge said valve body in the valve-closing direction; and a pilot circuit connected between said back pressure chamber and said outlet port of said main valve.

said first valve means is constituted by a pilot valve connected to said pilot circuit for controlling a pilot flow passing through said pilot circuit, and said second valve means is constituted by auxiliary valve means connected to said pilot circuit for controlling a differential pressure between the inlet pressure and the outlet pressure of said pilot valve; and

said control means controls said auxiliary valve means for each of said first and second flow control valve means such that the differential pressure between the inlet pressure and the outlet pressure of said pilot valve is determined by the following equation with respect to a differential pressure between the delivery pressure of said hydraulic pump and the maximum load pressure of said first and second hydraulic actuators, a differential pressure between said maximum load pressure and the self-load pressure of each said hydraulic actuator, and the self-load pressure,

$$\Delta P_z = \alpha (P_s - PL_{max}) + (PL_{max} - PL) + \gamma PL$$

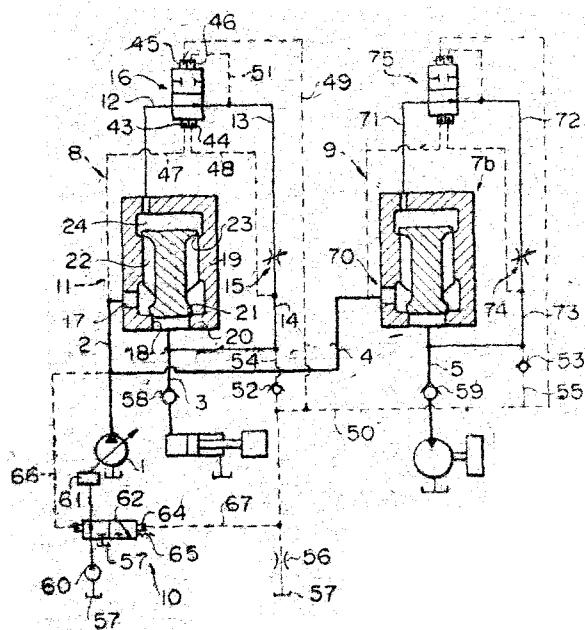
where ΔP_z : differential pressure between the inlet pressure and the outlet pressure of the pilot valve

P_s : delivery pressure of the hydraulic pump

PL_{max} : maximum load pressure between the first and second hydraulic actuators,

PL : self-load pressure of each of the first and second hydraulic actuators,

α, β, γ : first, second and third constants said first, second and third constants α, β, γ being set to respective predetermined values.



Compl. specn. 105 pages.

Drgs. 20 sheets

CL : 50 B

171523

Int. CL : F 25 D 31/00.

PROCESS AND EQUIPMENT FOR THE PRODUCTION OF CRUDE GAS.

Applicant : KRUPP KOPPERS GMBH, OF ALTENDORFER STRASSE 120, D-4300 ESSEN 1, WEST GERMANY.

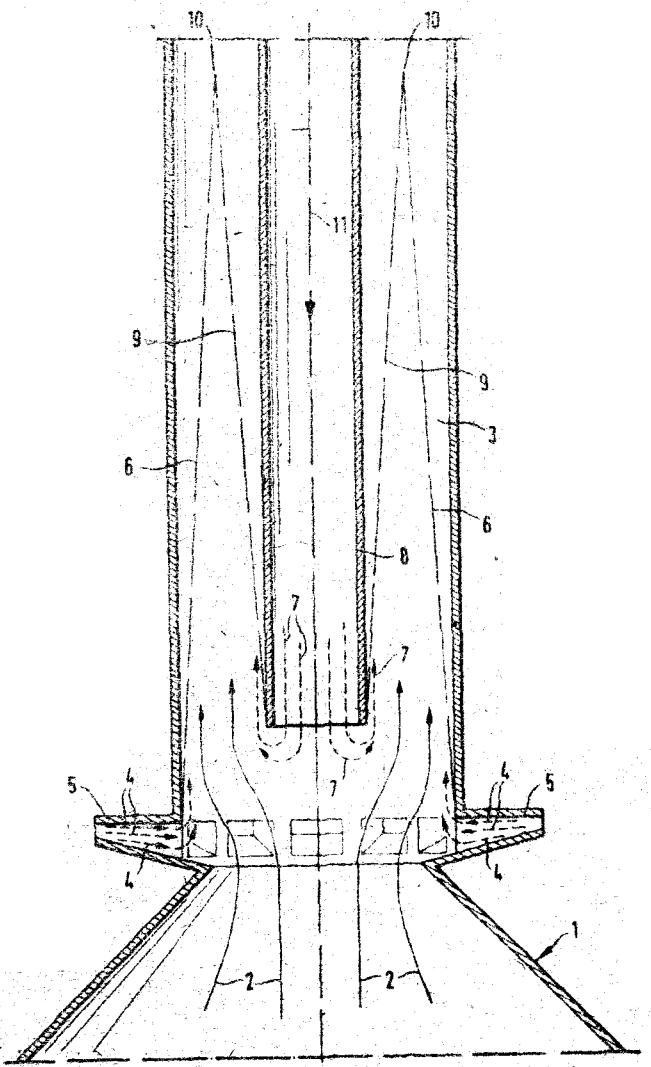
Inventor : DR. ING. HANS-GUNTER RICHARD.

Application No. 1024/Cal/1988; filed on December 14, 1988.

Appropriate office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

8 Claims

Process for the production of cooled crude gas which comprises subjecting to gasification fuel like powdered coal or other carbon carriers, with oxygen in a gasification reactor at a gasification temperature of between 1200 to 1700°C optionally in presence of steam, followed by withdrawing through the outlet of the reactor, a stream of hot crude gas and thereafter subjecting the hot crude gas to cooling by means of process for cooling hot product gas, leaving a gasification reactor, by means of one or more cooling fluids (gaseous, vaporous or liquid) introduced into the gas stream, a part of the cooling fluids from the outside substantially radially or at an inclination to the direction of flow of the crude Gas or in the direction opposite there to, and the other part being introduced into the gas stream within the crude gas duct substantially axially against the direction of flow.



Compl. specn. 9 pages

Drgs. 2 sheets

CL : 35 E.

171524

Int. CL : C 04 B 35/00.

METHOD FOR PRODUCING A SELF-SUPPORTING BODY.

Applicant : LANXIDE TECHNOLOGY COMPANY, LP, OF TRALEE INDUSTRIAL PARK NEWARK, DELAWARE 19711, U.S.A.

Inventors : (1) TERRY DENNIS CLAAR, (2) STEVEN MICHAEL MASON, (3) KEVIN PETER POCHOPEN.

Application No. 1054/Cal/88; filed on December 21, 1988.
 Appropriate Office for Opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

12 Claims

A method for producing a self-supporting body, comprising :
 selecting a parent metal such as herein described.

heating said parent metal in a substantially inert atmosphere to a temperature above its melting point to form a body of molten parent metal;

contacting said body of molten parent metal with a permeable mass comprising boron carbide and a carbon donor material such as herein described;

maintaining said temperature for a time sufficient to permit infiltration of molten parent metal into said permeable mass and to permit reaction of said molten parent metal with said boron carbide to form at least one boron-containing compound; and

continuing said infiltration and reaction for a time sufficient to produce said self-supporting body comprising at least one parent metal boron-containing compound.

Compl. Specn. 32 pages.

Drgns. 3 sheets.

(f) further charging said converter with said agglomerates in an amount of 2 to 8 per cent by weight of said iron containing metallized charge; and

(g) conducting said melting process in said converter and thereby obtaining in said metallurgical dust from said converter a constant rich in metallic zinc.

Compl. Specn. 12 Pages. Drgns. Nil.

Cl. : 157 Ds 171426

Int. Cl. : E 01 B, 27/00.

"A TRAVELLING ON TRACK MACHINE FOR CLEANING PERMANENT WAY, MORE ESPECIALLY THE BALLAST SURFACE OF A BALLAST BED SITUATED BENEATH A TRACK PANEL FORMED BY SLEEPERS AND RAILS".

Applicant : FRANZ PLASSER BAHNBAUMASCHINEN INDUSTRIESELLSCHAFT M.B.H. of A-1010 wien Johannesgasse 3, Austria.

Inventors : (1) ING. JOSEF THEURER, (2) FRIEDRICH OELLERER.

Application No. 304/Cal/1989; filed on April 20, 1989.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rule 1972) Patent Office, Calcutta.

Cl. 141 A

171525

Int. Cl. : C 22 B 1/24.

PROCESS FOR UTILIZING OF ZINC-CONTAINING METALLURGICAL DUSTS AND SLUDGES.

Applicant : VÖEST-ALPINE STAHL DONAWITZ GESELLSCHAFT M.B.H. OF 8700 LEBEN-DONAWITZ, PESTALOZZISTRASSE 128, AUSTRIA.

Inventors : (1) WALTER LUGSCHEIDER. (2) LUZIAN POCHMARSKI.

Applicant No. 220/Cal/1989; filed on March 17, 1989.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

11 Claims

A process for utilizing a zinc-containing by product comprising at least one of zinc-containing metallurgical dust and zinc-containing metallurgical sludge derived from a steel-making process and containing at least 30 per cent total metallic constituents by weight, essentially including iron and zinc, said process comprising;

(a) providing a converter adapted to accept a charge of metallic material, apply heat such as to melt at least some of said charge by combustion of a fuel, and thereby produce as an output molten metal, slag and a metallurgical dust, in a melting process;

(b) charging said converter with an iron-containing metallized charge;

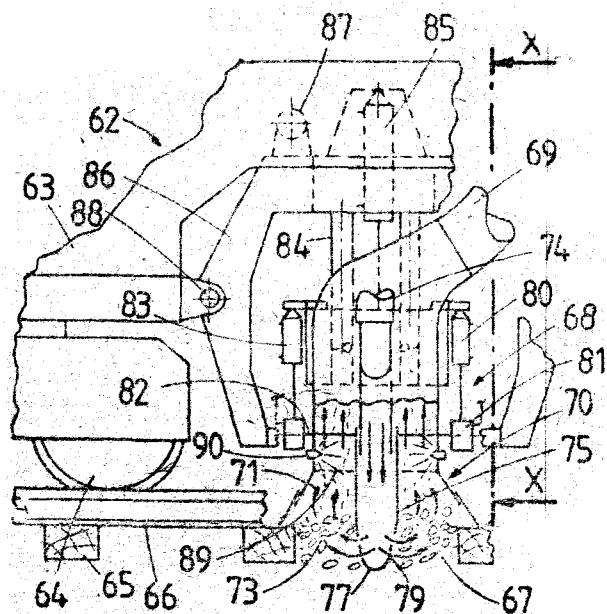
(c) accepting a supply of said zinc-containing by-product;

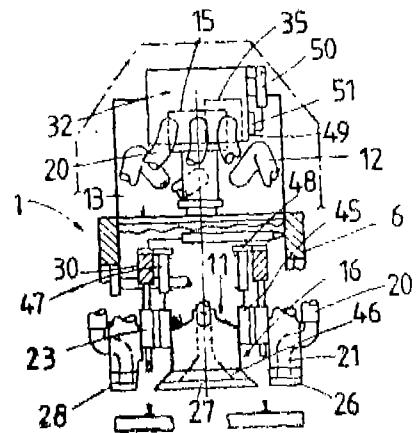
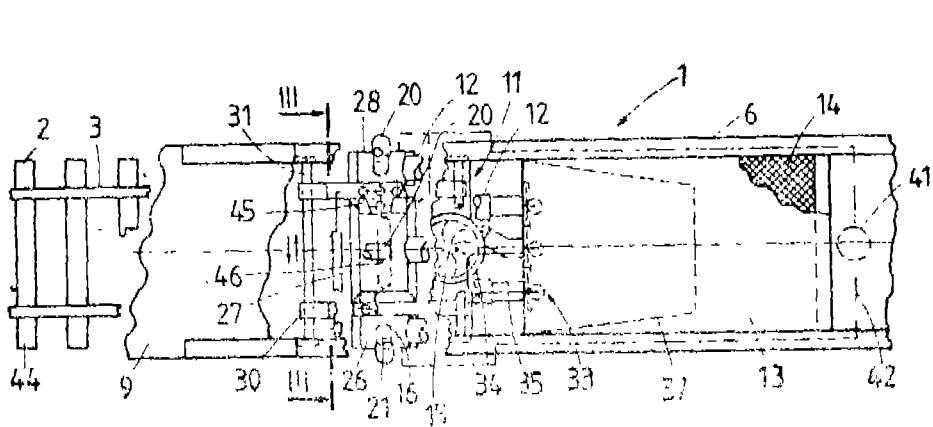
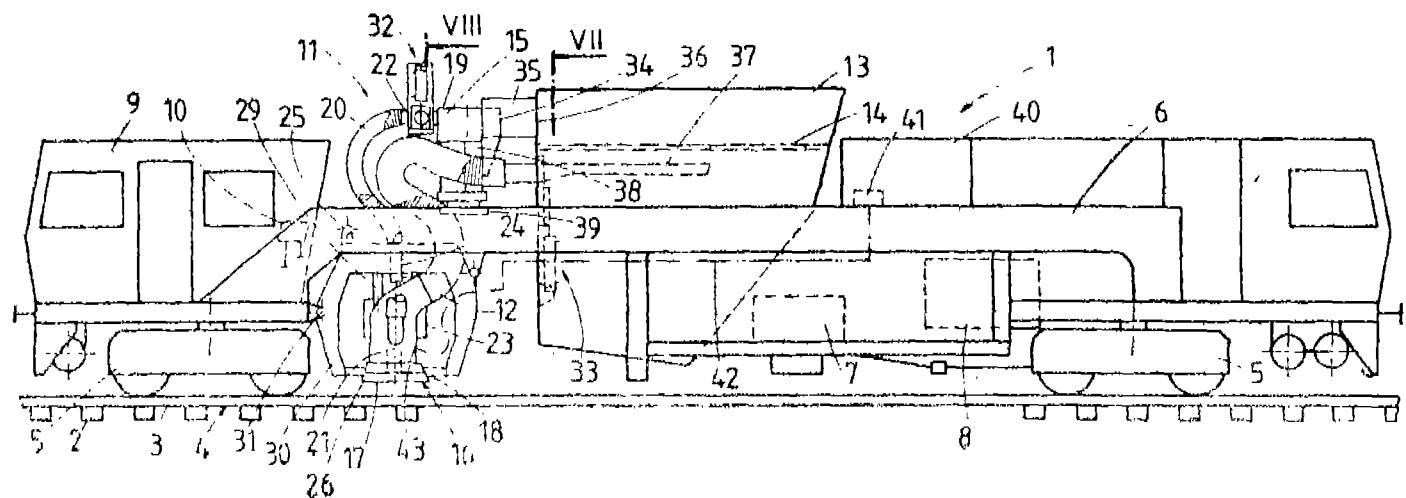
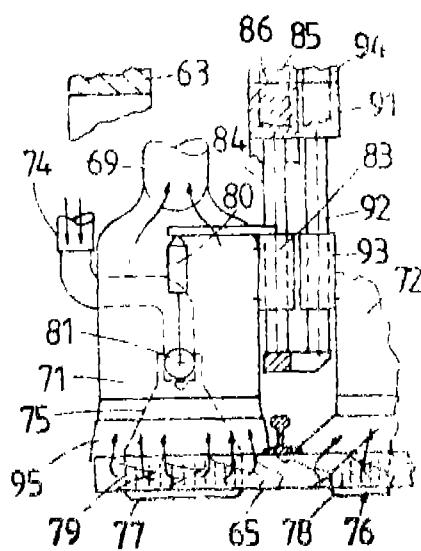
(d) analyzing the accepted zinc-containing by-product for carbon content and, if said carbon content lies outside the range of 20 to 25 per cent by weight, adjusting said carbon content to lie within said range;

(e) agglomerating said zinc-containing by-product into agglomerates which are constituted by at least one of briquettes and pellets;

11 Claims

A travelling on track machine for cleaning permanent way, more especially the ballast surface of a ballast bed situated beneath a track panel formed by sleepers and rails, comprising a machine frame designed to travel on on-track undercarriages and a suction unit consisting of a suction head arrangement which is connected through a suction hose to a collecting container with filter and to a fan and with which at least one pressure nozzle connected to an air compressor by a pressure hose is associated to form a substantially closed loop pressure suction system, characterized in that the pressure nozzle (21, 46, 75, 76) connected to the pressure hose (20, 74) is arranged inside the suction mouth opening (17, 73) of the suction head arrangement (16, 70).





Cl. : 101 E.

171527

Int. Cl. : G 01 F 1/00.

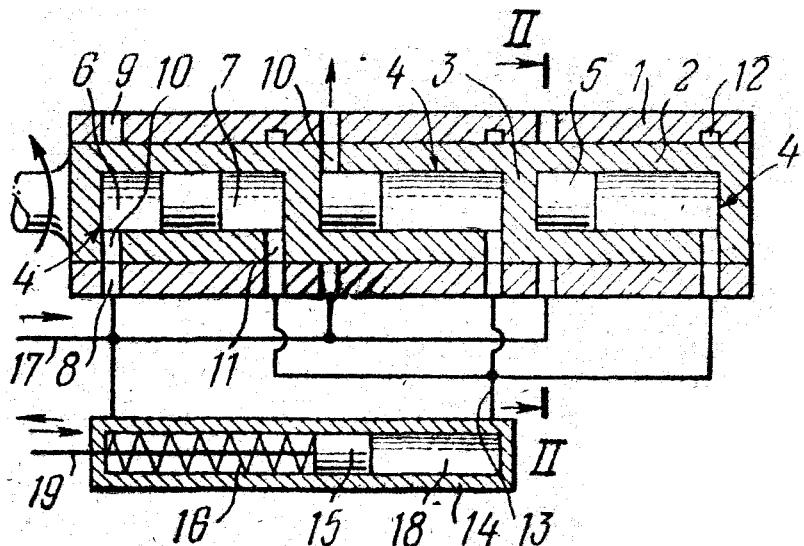
"APPARATUS FOR METERING FLUID".

Applicant : TSELEVOI NAUCHNO-TEKHNICHEISKY KOOPERATIV "STIMER" USSR. of Kharkov, Ulitsa Sovnarkomovskaya, 13a; Union of Soviet Socialist Republic.

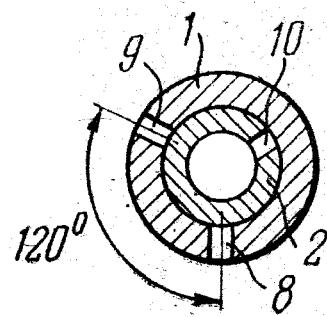
Inventor : LEONID PETROVICH PROGLYADA.

Application No. 610/Cal/1989; filed on July 27, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

**2 Claims**

An apparatus for metering fluid comprising a casing having ports communicating with a fluid supply line and with passages for metered fluid discharge, a rotor having a closed interior space accommodated in said casing, said interior space being divided by partitions into measuring chambers, each having a free piston dividing this chamber into a metering space and a control space located on either side of the piston, each chamber having a port regularly communicating with the ports of the casing communicating with the metered fluid supply line and with the ports of the casing for discharging the metered fluid, a batch controller having a variable-capacity interior space communicating with all control spaces which are connected in parallel with one another.



Compl. Specn. 13 Pages. Drgns. 1 Sheet.

Cl. : 190 B.

171528.

Int. Cl. : F 01 D 5/00.

"ADJUSTMENT DEVICE FOR THE RUNNER BLADES OF KAPLAN TURBINES".

Applicant : J. M. VOITH GMBH, of D-7920 Heidenheim Sankt Poltner Strabe 48 Postfach 1940, Federal Republic of Germany.

Inventor : WUST, MICHAEL.

Application No. 626/Cal/89; filed on August 02, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

8 Claims

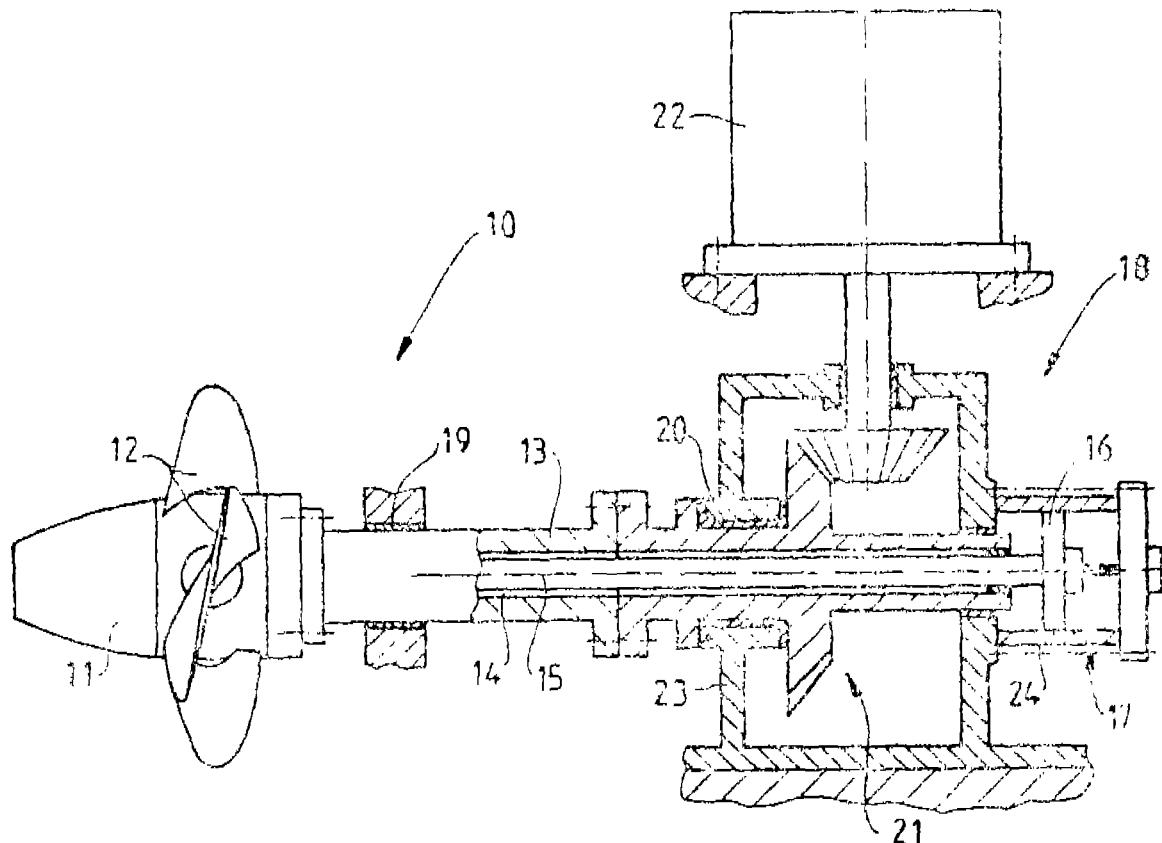
An adjustment device (18) for the runner blades (12) of Kaplan turbines (10), having the following features :

- (a) between the turbine runner (11) and a generator (22), a bevel gearing (21) which is connected to the turbine shaft (13) is located within a housing (23).
- (b) a hydraulic servomotor (17) for the adjustment of the blades is arranged on the side of the gear housing (23) facing away from the runner (11).
- (c) the cylinder (24) of the servomotor (17) is fastened on the gear housing (23) while the piston (16) is connected to a push rod (15) for the blade adjustment which passes

coaxially through the turbine shaft (13) and rotates with the speed of rotation of the runner,

Characterised by the following further feature:

(d) the piston (16) of the servomotor (17) is rotatably secured to the push rod (15).



Compl. Specn. 10 Pages. Drawn. 1 Sheet.

Cl. : 157 C.

171529

6 Claims

Int. Cl. : E01B, 27/00.

"A TRACK MAINTENANCE MACHINE WITH A TRACK STABILIZER".

Applicant : FRANZ PLASSER BAHNBAUMASCHINEN
INDUSTRIESESELLSCHAFT M.B.H. of A-1010 Wien,
Johannesgasse 3, Austria.

Inventor : Ing. JOSEF THEURER.

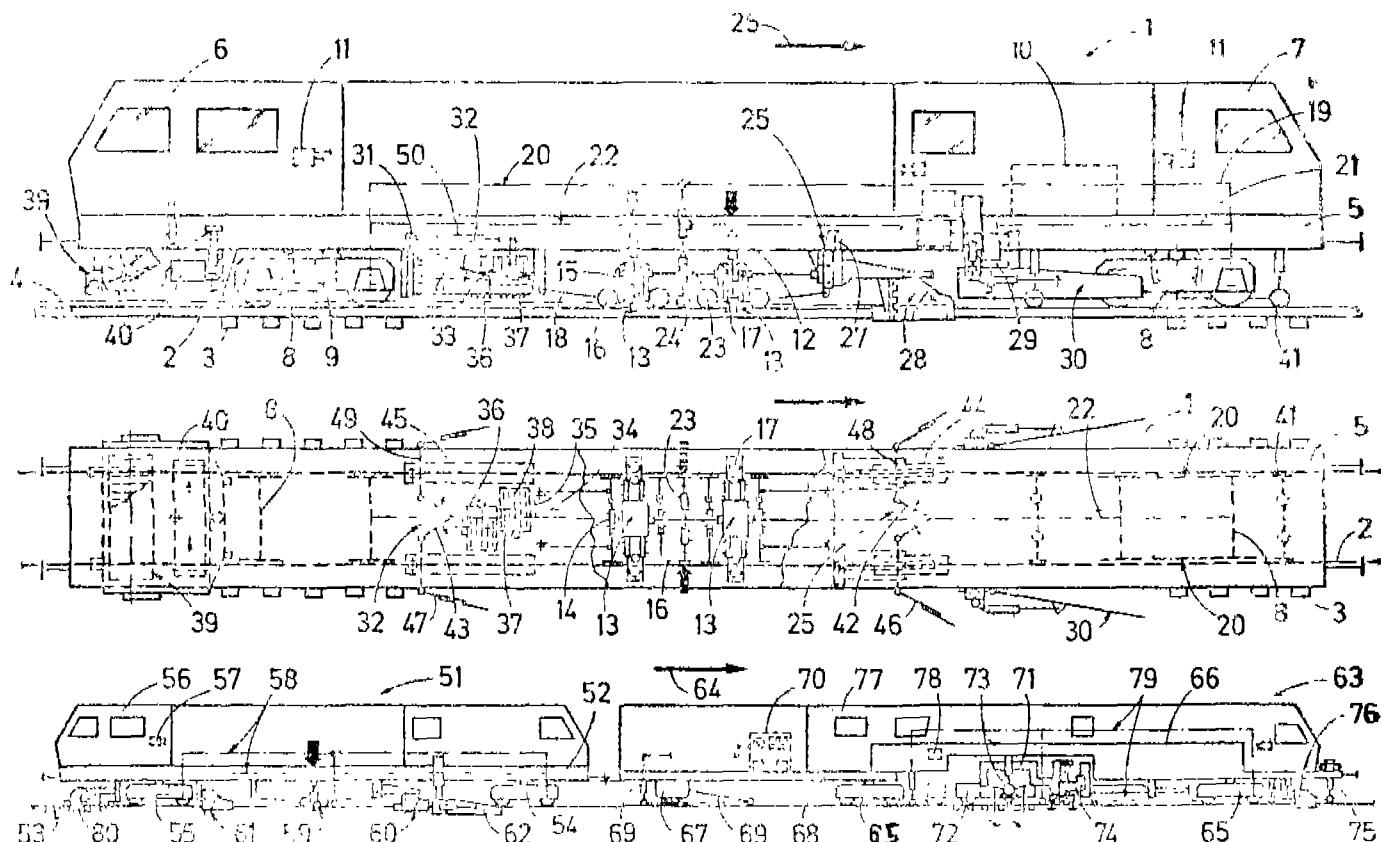
Application No. 754/Cal/1989, filed on September 14, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

A continuously advancing track maintenance machine for consolidating the ballast bed of a railway track comprising an axle drive and a machine frame which is supported by two undercarriages arranged at a distance from one another and which comprises at least one track stabilizer arranged between the two undercarriages and designed for actuation and vertical adjustment by drives with roller tools designed for application to the insides of the rails by spreading drives and for vibration by vibrators, and further comprising a levelling and, optionally, lining reference system for monitoring the difference or lowering value and, optionally, the lining between the set and actual position of the track, characterized in that a planning and ballast plough arrangement (25, 32; 60, 61) mounted on the machine frame (5; 52) for vertical displacement and for lowering onto the track

under the power of drives (27, 31) and extending at least from one sleeper end zone to the opposite sleeper end zone

is associated with, and precedes, at least one track stabilizer (13; 59) between the two undercarriages (8; 4).



Compl. Specn. 20 Pages. Drgns. 1 Sheet.

Cl. : 32 C E; 55 E 4.

171530

Int. Cl. : C 07 G 3/00; A 61 K 27/00.

"PROCESS FOR THE PREPARATION OF A MIXTURE OF GANGLIOSIDES".

Applicant : FIDIA S.P.A. of Via Ponte della Fabbrica 3/A 35031 Abano Terme Italy.

Inventors : (1) FRANCESCO DELLA VALLE, (2) LANFRANCO CALLEGARO, (3) SILVANA LORENZI.

Application No. 952/Cal/1990; filed on November 13, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

12 Claims

A process for the preparation of a mixture of gangliosides such as herein described which comprises :

(a) subjecting ganglioside-containing tissue to lipid elimination with acetone to produce an acetone precipitate.

(b) suspending said acetone precipitate in a first solvent mixture of methylene chloride, methanol and sodium hydroxide capable of partitioning hydrophobic substances from hydrophilic substances;

(c) filtrating said partitioning mixture to obtain a first liquid phase;

(d) subjecting said first liquid phase to precipitation using acetone and an alkaline earth metal salt such as calcium chloride to obtain a first raw material;

(e) solubilizing said first raw material in an aqueous organic solvent and subjecting the solubilized first raw material to heating at a pH of about 12;

(f) subjecting said heated solubilized first raw material to a second partitioning in a second solvent mixture or aqueous organic solution capable of partitioning hydrophobic substances from hydrophilic substances;

(g) separating said second partitioning mixture to remove an organic phase and retain an aqueous phase;

(h) subjecting said aqueous phase to precipitation to produce a second raw material using acetone and an alkali salt such as sodium chloride;

(i) solubilizing said second raw material which is subjected to cooling to produce a third raw material;

(j) solubilizing said third raw material in a base;

(k) neutralizing said solubilized third raw material; and

(l) subjecting said neutralized solubilized third raw material to dialysis through a membrane with a molecular weight cut off of about 10kd to produce a ganglioside mixture.

Compl. Specn. 45 Pages. Drgns. 7 Sheets.

PATENTS SEALED	Numbers	Date
ON 09-10-1992	161629	
169196* 169311 169313 169320 169404 169413 169416	161644	
169417 169422 169425	161649	
Cal-Nil, Del-Nil, Mas-08 & Bom-02	161193	
	161207	
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	161180	
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	160918	

2-1-92

Notice is hereby given that SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, A GERMAN COMPANY, OF FRIEDRICH-EBERT STRASSE 84, 8070 INGOLSTADT, GERMANY, have made an application under Section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 166492 for A METHOD AND AN APPARATUS FOR THREAD JOINING IN AN OPEN END SPINNING APPARATUS. The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charges at the Patent Office Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of Opposition on the prescribed Form-30 within 3 months from the date of the Notification at the Patent Office, Madras-2. If the Written Statement of Opposition is not filed with the Notice of Opposition, it shall be left within one month from the date of filing the said Notice.

The amendments proposed by LUCKY BIOTECH CORPORATION of 4560 Horton Street, Emeryville, California 94608, United States of America in respect of Patent application No. 168525 as advertised in Part III, Sec. 2 of the Gazette of India dated the 16th May, 1992 have been allowed.

Notice is hereby given that AMPEX CORPORATION, of 401 Broadway, M.S. 3-35, Redwood City, California 94063-3199, U.S.A., a U.S. COMPANY, have made an application under Section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 368/Mas/87 (169906) for MAGNETIC RECORD MEDIUM.

The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 within 3 months from the date of the Notification at the Patent Office, Madras-2. If the Written Statement of Opposition is not filed with the Notice of Opposition, it shall be left within one month from the date of filing the said Notice.

ENDORSEMENT OF PATENTS WITH THE WORDS
"LICENCE OF RIGHT" UNDER SECTION 87 OF THE
PATENTS ACT—1970

Numbers	Date	RENEWAL FEES PAID						
161386	2-1-92	149621	149716	150473	151149	151372	151468	152315
161421		153328	153625	153764	153794	154229	155036	155442
161512		155448	155595	155605	155618	155619	155714	155980
161691		156092	156315	156348	157065	157204	157387	157483
161220		157607	157608	157695	157802	157917	158650	158899
161230		158900	159012	159044	159045	159101	159180	159192
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161264		160333	160414	160464	160586	160635	160730	160954
161316		161132	161367	161393	161438	161723	161735	162053

162137	162234	162235	162334	162337	162388	162738
162911	162914	163106	163128	163352	163760	163811
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165309	165483	165515	165666	165718	165776	165783
165806	165820	165872	165874	165876	165877	165895
166019	166057	166231	166232	166233	166234	166235
166238	166251	166282	166292	166293	166357	166359
166398	166403	166404	166443	166487	166488	166606
166645	167099	167114	167122	167202	167206	167213
167244	167347	167392	167515	167516	167546	167848
167549	167579	167596	167597	167606	167701	167740
167804	167843	167883	167944	168015	168031	168038
168121	168128	168361	168365	168472	168581	168584
168593	168699	168744	168748	168889		

CESSATION OF PATENTS

158560	158562	158566	158568	158569	158572	158574
158576	158578	158579	158583	158591	158595	158599
158600	158601	158603	158604	158605	158609	158611
158613	158615	158619	158620	158621	158624	158630
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158658	158663	158668	158673	158675	158676	158677
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158692	158693	158695	158702	158709	158710	158711
158712	158715	158716	158717	158718	158722	158726

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. Nos. 164277 to 164280. Sony Corporation of 6-7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan. "Shutter for an optical disc cartridge". April 20, 1992.

Class 3. No. 164270. ABM Hi-Tech Products, registered partnership firm of 3, Maydi Plot, Rajkot-360004, Gujarat, India. "Trigger Housing". April 20, 1992.

Class 3. No. 164694. Plastic Dies Company of Krishna Bhavan, 22-B, Govandi Station Road, Deonar, Bombay-400088, Maharashtra, India. "Base for mixer cum grinder cum food processor". August 26, 1992.

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Nos. 159364 and 159437

Class 3.

R. A. ACHARYA
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Designs and Trade Marks